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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/918,721	08/01/2001	Bodin Dresevic	003797.00129	2452

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EXAMINER

TRAN, TAM D

ART UNIT	PAPER NUMBER
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2676

10

DATE MAILED: 12/16/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

TS

Office Action Summary

Application No.

09/918,721

Applicant(s)

DRESEVIC ET AL.

Examiner

Tam D. Tran

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Chatterjee (USPN 6549675 B2).

2. In regard to claims 1, 11, 12, 16, Chatterjee teaches a method and apparatus for rendering a digital ink stroke, comprising the steps of: receiving a first pen tip instance; receiving a second pen tip instance; (locating points in the digital ink for segments); see col.12 lines 46-50; and determining a quadrangle (rectangle) based on the first and second pen tip instances. See col.12 lines 50-55.
3. In regard to claim 2, Chatterjee teaches a method for rendering a digital ink stroke, further including the step of displaying a representation of the first pen tip instance, the second pen tip instance, and the quadrangle. See col.12 lines 58-60.
4. In regard to claim 3, Chatterjee teaches a method for rendering a digital ink stroke, wherein the first and second pen instances each are associated with data representing at least one of a size, shape, and rotation of the respective pen tip instance. See col.12 lines 50-53.

5. In regard to claim 4, Chatterjee teaches a method for rendering a digital ink stroke, wherein the step of determining the quadrangle includes determining the quadrangle to connect the first pen tip instance to the second pen tip instance. See col.12 lines 50-55.

6. In regard to claim 5, Chatterjee teaches a method for rendering a digital ink stroke, wherein the first pen tip instance is a circle, the step of determining including determining two sides of the quadrangle to each be a tangent of the circle. See Fig.12.

7. In regard to claim 6, Chatterjee teaches a method for rendering a digital ink stroke, wherein the first pen tip instance is a rectangle, the step of determining including determining two sides of the quadrangle to each have one endpoint at a corner of the rectangle. See col.12 lines 50-55.

8. In regard to claim 7, Chatterjee teaches a method for rendering a digital ink stroke, wherein the rectangle is a square. See Fig.8.

9. In regard to claim 8, Chatterjee teaches a method for rendering a digital ink stroke, wherein the first pen tip instance is a triangle, the step of determining including determining two sides of the triangle to each have one endpoint at a corner of the triangle. See Fig.8.

10. In regard to claim 9, Chatterjee teaches a method for rendering a digital ink stroke, wherein the first pen tip instance is a polygon, the step of determining including determining two sides of the quadrangle to each have one endpoint at a corner of the polygon. See col.12 lines 50-55.

11. In regard to claim 10, Chatterjee teaches a method for rendering a digital ink stroke, wherein the digital ink stroke is opaque. See col.4 lines 42-50.

~~12. In regard to claim 13, Chatterjee teaches a method for rendering a digital ink stroke,~~

further including the step of displaying a representation of the first pen tip instance, the second pen tip instance, and the plurality of quadrangles. See col.12 lines 50-55.

13. In regard to claim 14, Chatterjee teaches a method for rendering a digital ink stroke, wherein the first pen tip instance is a rectangle, the step of determining including determining two sides of each of the plurality of quadrangles to each have one endpoint at a corner of the rectangle. See col.12 lines 50-55.

14. In regard to claim 15, Chatterjee teaches a method for rendering a digital ink stroke, further including the step of determining a union of the plurality of quadrangles. See col.12 lines 50-55.

15. In regard to claim 17, Chatterjee teaches a method and apparatus for rendering a digital ink stroke, further including: the graphics toolbox, wherein the graphics toolbox is coupled to the second portion and configured to fill the first pen tip instance, the second pen tip instance, and the connecting quadrangle; See col.12 lines 50-55; and a display coupled to the graphics toolbox and configured to display the filled first pen tip instance, the filled second pen tip instance, and the filled connecting quadrangle. See col.12 lines 58-60.

16. In regard to claim 18, Chatterjee teaches a method and apparatus for rendering a digital ink stroke, wherein the first portion comprises a pen input device and the second portion comprises a contour generator (CPU). See col.4 lines 16-25.

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Conclusion

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tam D. Tran** whose telephone number is **703-305-4196**. The examiner can normally be reached on MON-FRI from 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Matthew Bella** can be reached on **703-308-6829**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

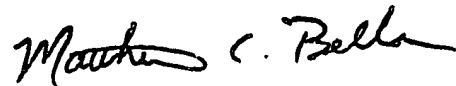
Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Tam Tran

TT
Examiner

Art unit 2676



MATTHEW C. BELLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600